

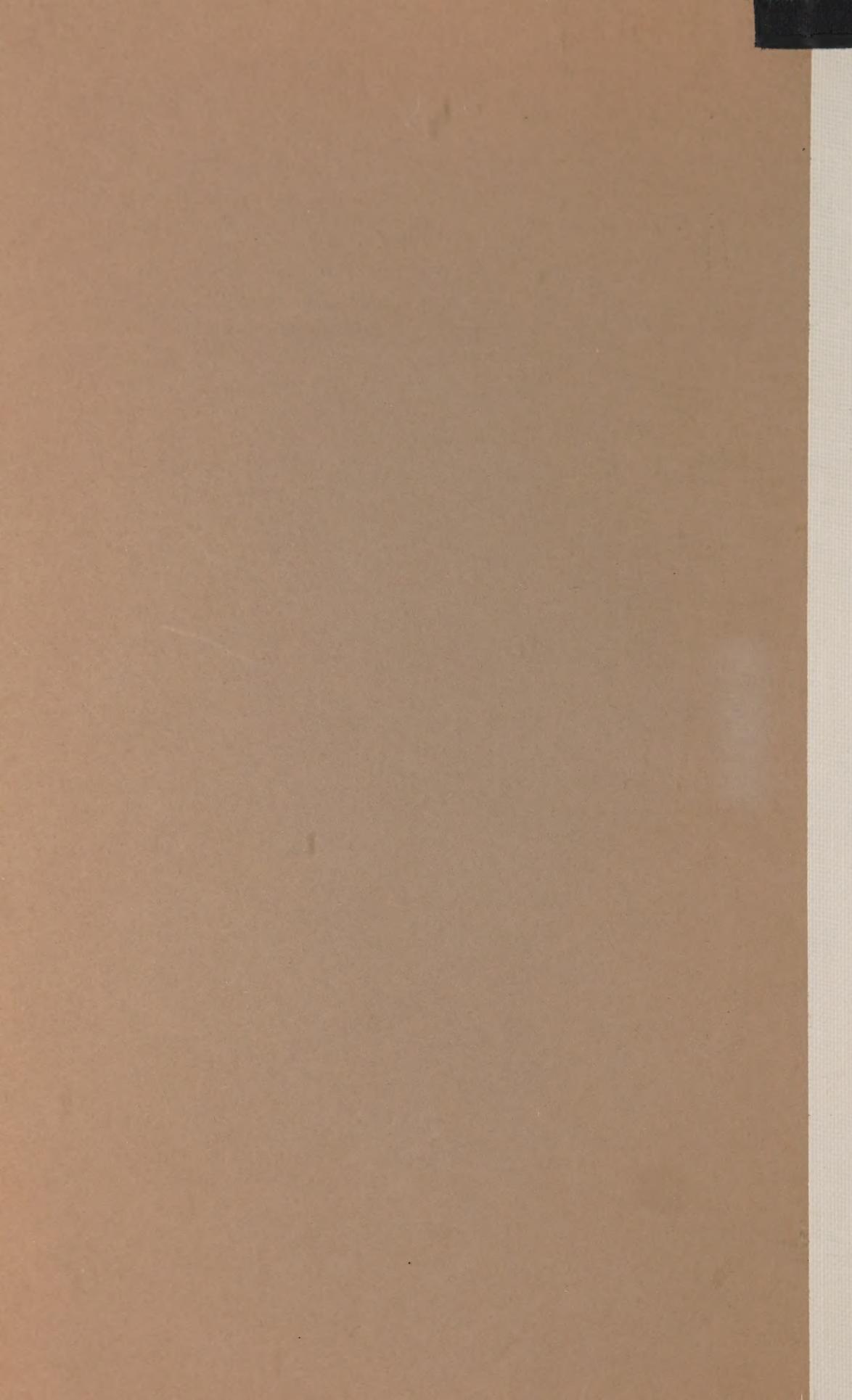
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No. 13 (1963)

FORESTRY

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Canadian Government
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GUIDE DE L'ACHETEUR

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THE Canadian Government
13: Sectional Catalogue No.
13: Publications of the Minister of
Parks, Fisheries, Forestry, and Natural Resources, Department
of Lands and Forests and Statistics

Canadian Government

PUBLICATIONS du gouvernement canadien

Department of FORESTRY



Ministère des FORÊTS

Sectional Catalogue No. 13 — Bibliographie No. 13
August 1963 Août

THE QUEEN'S PRINTER — L'IMPRIMEUR DE LA REINE
OTTAWA, CANADA

The Canadian Government Publications Sectional Catalogue No. 13: Department of Forestry Publications was prepared by Marie-Louise Myrand, Librarian, in the Documents Library, Department of Public Printing and Stationery.

La bibliographie n° 13 des publications du Gouvernement du Canada: Ministère des Forêts a été compilée par Marie-Louise Myrand, bibliothécaire, dans la Bibliothèque des documents, Département des Impressions et de la Papeterie Publiques.

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ROGER DUHAMEL, F.R.S.C.
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY
OTTAWA, 1963

PREFACE

This catalogue is the first of the Department of Forestry.

Issued in the Sectional Catalogue Series of the Documents Library, Department of Public Printing and Stationery, the presentation of the material was adapted to the style of this series.

The index was carefully prepared to make it as comprehensive as possible. The subjects, titles, authors (in capital letters), and place names concerned are listed together in one alphabetical order.

August, 1963.

PRÉFACE

Ceci est le premier catalogue du Ministère des Forêts.

Étant publié dans la série des bibliographies spéciales de la Bibliothèque des documents du Département des Impressions et de la Papeterie Publiques, la présentation de la matière a été adaptée au style de cette série.

L'index, aussi complet que possible, a été préparé avec soin. Les auteurs (en majuscule), les titres, les sujets et les noms de lieux ont été groupés en un seul ordre alphabétique.

Août 1963

**DEPARTMENT
OF FORESTRY**

Sectional Catalogue No. 13

**MINISTÈRE
DES FORÊTS**

Bibliographie n° 13

PART 1

ENGLISH SECTION

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старожитності

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Українські

ІІ та античні

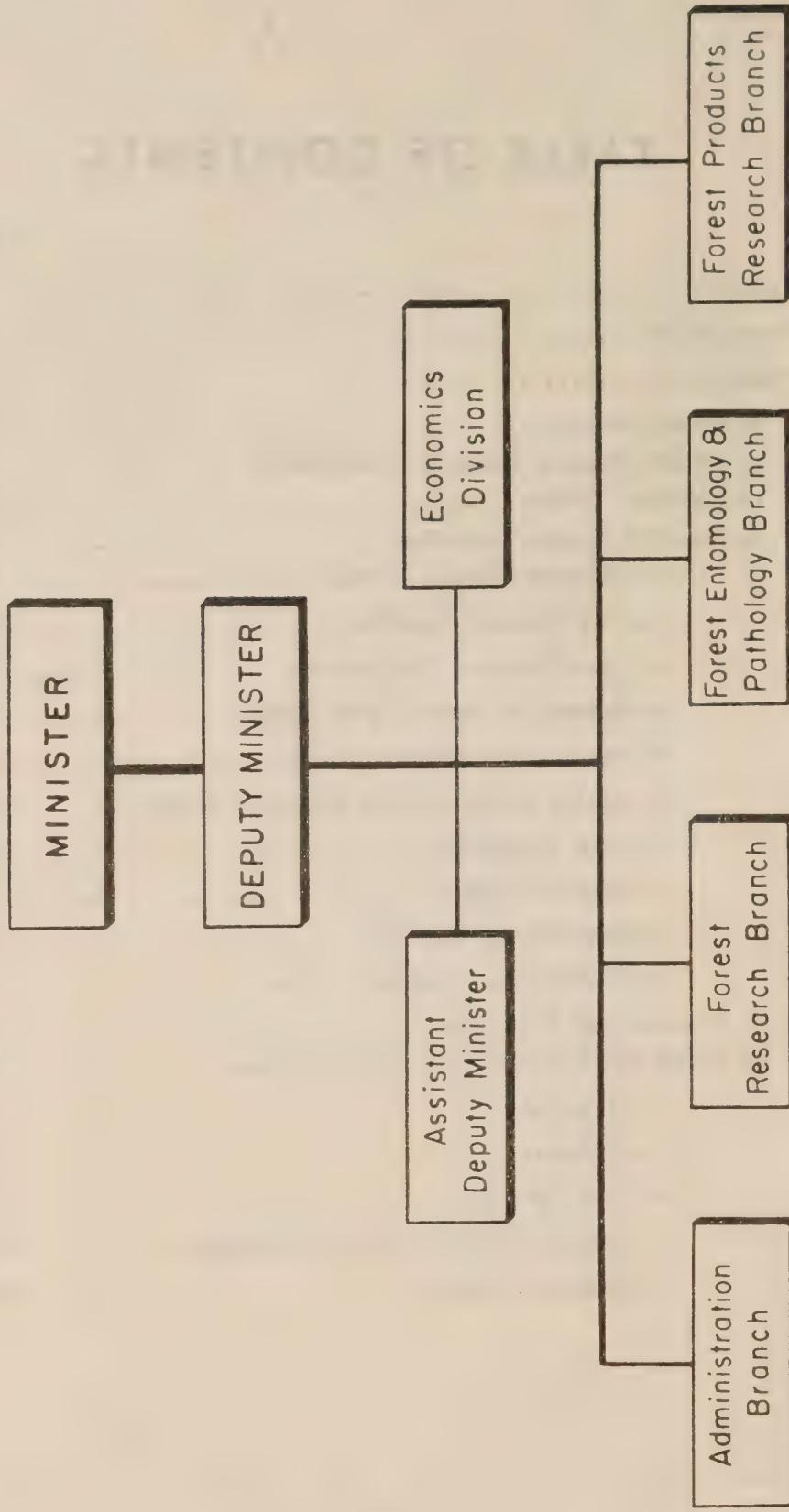
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DEPARTMENT OF FORESTRY



INTRODUCTION

The Department was established on October 1, 1960 by proclamation of the Governor-in-Council. Authority for its formation rests in the Department of Forestry Act (S.C. 1960, Chapter 41), which received Royal Assent on August 1, 1960. Immediate staff requirements were met by drawing on personnel of the former Forestry Branch of the Department of Northern Affairs and National Resources and the former Forest Biology Division of the Research Branch, Department of Agriculture; their transfers were effected by Order-in-Council P.C. 1960-1620 of November 26, 1960. Funds provided in 1960-61 appropriations for the operations of the Forestry Branch and the Forest Biology Division were also made available to this Department through a transfer authorized by Order-in-Council P.C. 1960-1768 of December 29, 1960.

The objects of the Department are indicative of the heightened interest in forestry current throughout Canada. Briefly, it will seek to promote improved management and protection of our forest resources, more effective utilization of wood coupled with a reduction in waste, and improvement of the competitive position of our forest industries. It will undertake comprehensive programs of research relating to forestry and the utilization of forest products. It will also undertake, promote and recommend measures for the encouragement of public co-operation in the protection and wise use of forest resources. The Minister, with the approval of the Governor-in-Council, may enter into agreements with the government of any province or with any person for forest protection and management or for forest utilization.

The departmental organization is based on four Branches and a Division. They are the Administration Branch, the Forest Research Branch, the Forest Entomology and Pathology Branch, the Forest Products Research Branch, and the Economics Division. The Administration Branch is responsible for general departmental administration, for the provision of forest surveys and technical advice to other federal agencies and for the administration of federal-provincial agreements. The Forest Research Branch conducts investigations in the fields of silviculture, ecology, physiology, forest mensuration, tree-breeding, forest fire protection, and forest survey methods. The Forest Entomology and Pathology Branch is concerned with research relating to forest insect and disease problems. The Forest Products Research Branch undertakes research on the mechanical, physical, and chemical properties of Canadian woods, on the development of new and better uses for wood products, and on improved manufacturing techniques with a view to obtaining

DEPARTMENT OF FORESTRY

more complete utilization of the wood substance available from our forests. The Economics Division will advise regarding the economic implications of present and proposed policies, maintain a review of the economic position of Canada's forest industries, and conduct economic studies of production in Canada.

The functions of the former Forestry Branch of the Department of Northern Affairs and National Resources and of the former Forest Biology Division of the Department of Agriculture were transferred to this Department upon its inception. Research projects commenced in the earlier organizations have continued without interruption. These fields are being expanded and new departures will be undertaken as the Department develops.

DEPARTMENT OF FORESTRY

LIST OF PUBLICATIONS

Note.—Starting with the first of January, 1961, the Queen's Printer has put into effect a revised classification system for this new Department which is separated from the Northern Affairs and National Resources. With the adoption of this system, each publication now has its catalogue number bearing the letters *Fo* instead of *R* as a means of identification.

Annual report of the Department of Forestry for the fiscal year ended March 31, 1961. Ottawa, 1961. 32p. Organization chart. Tables, graphs. 25cm. Paper cover.

75¢ per copy. * •

Cat. No. Fol-1961

Bi-monthly progress report of the Forest Biology Division.

Formerly published by authority of the Department of Agriculture.

Vol. 16, No. 6, November-December, 1960.

Vol. 17, No. 1, January-February, 1961.

Free. † • •

Cat. No. Fol2-1

Forest Entomology and Pathology Branch: bi-monthly progress report.

Formerly Bi-monthly progress report of the Forest Biology Division, Research Branch.

Vol. 18, Nos. 4-5, July-October, 1962.

Free. † • •

Cat. No. Fol2-1

Research news. Published by the Forest Products Research Branch. Bi-monthly. 24cm.

Vol. 4, No. 9, September-October, 1961. Illus.

Vol. 4, No. 10, November-December, 1961.

Vol. 5, Nos. 1-6, January-December, 1962.

Free. † • •

Cat. No. Fol2-2

Annual report of the forest insect and disease survey, 1960. Ottawa, 1961. 121p. Tables, maps. 25cm. Paper cover.

Prepared in the Forest Entomology and Pathology Branch.

Free. † •

Cat. No. Fo21-1960

Annual report of the forest insect and disease survey, 1961. Ottawa, 1962. 136p. Tables, maps. 25cm. Paper cover.

Prepared in the Forest Entomology and Pathology Branch.

Free. † •

Cat. No. Fo21-1961

Annual report, Forest Entomology and Pathology Branch, year ended March 31, 1962. Ottawa, 1962. 137p. Illus. 28cm. Paper cover.

The present report is essentially a research report of the Forest Entomology and Pathology Branch for 1961-1962. Laboratory officers-in-charge prepared the background statements on functions, activities, and major problems of the regions. Regional survey heads prepared the brief reviews of current insect and disease infestations. Progress in research assignments has been summarized by the research officers directly concerned.

Free. † •

Cat. No. Fo21-2/1962

DEPARTMENT OF FORESTRY

Studies in forest pathology. Ottawa. 25cm. Paper cover.

23.—**Pathological deterioration of wind-damaged white spruce and alpine fir in the Crescent Spur area of British Columbia,** by N. T. Engelhardt, R. E. Foster, and H. M. Craig. 1961. 20p. Illus., tables, graphs.

Prepared in the Forest Entomology and Pathology Laboratory, Victoria, British Columbia.

Free (single copies). † •

Cat. No. Fo22-1/23

Forest lepidoptera of Canada. Recorded by the Forest Insect Survey. Ottawa. 25cm. Paper bound.

Vol. 2.—**Nycteolidae, noctuidae, notodontidae, liparidae.** June, 1962. Pp. 77-281. Graphs, maps. (Bulletin 128.)

Published by the Forest Entomology and Pathology Branch.

This is the second in a series of publications on the Forest Lepidoptera of Canada. It includes all available data on the distribution, hosts, feeding habits, prevalence, and seasonal occurrence of 271 species within the families Nycteolidae, Noctuidae, Notodontidae, and Liparidae.

Free. † •

Cat. No. Fo23-1/2

Douglas-fir needle midges—pests of Christmas trees in British Columbia, by S. F. Condrashoff (Forest Entomology Laboratory, Vernon, B.C.). Ottawa, June, 1962. 5p. Illus. 25cm.

Published by the Forest Entomology and Pathology Branch.

Free. † •

Cat. No. Fo23-262

a) MISCELLANEOUS

Reports of the Director of Forestry for the fiscal years ended March 31. Issued under the authority of the Department of the Interior. 25cm.

1926-27. Ottawa, 1928. 51p. Illus., tables. Paper cover.

35¢ per copy. * Cat. No. Fo41-127

1927-28. Ottawa, 1929. 64p. Illus., tables. Paper cover.

35¢ per copy. * Cat. No. Fo41-128

1928-29. Ottawa, 1930. 60p. Illus., tables. Paper cover.

35¢ per copy. * Cat. No. Fo41-129

1929-30. Ottawa, 1931. 62p. Illus., tables. Paper cover.

35¢ per copy. * Cat. No. Fo41-130

1930-31. Ottawa, 1932. 19p. Tables.

15¢ per copy. * Cat. No. Fo41-131

1933-34. Ottawa, 1934. 40p. Tables.

15¢ per copy. * Cat. No. Fo41-134

1935-36. Ottawa, 1936. 44p. Tables.

15¢ per copy. * Cat. No. Fo41-136

Annual report on Forest Research, year ended March 31, 1957. Ottawa, 1957. 78p. Organization charts. Processed. Paper cover.

Prepared in the Forestry Branch, Forest Research Division.

Free. †

Cat. No. Fo41-257

DEPARTMENT OF FORESTRY

Forestry lessons. Ottawa, 1961. 69p. Illus. 22cm. Paper cover.

In order that the principle of forest conservation may be accepted and put into practice, the fundamental principles of forestry must be taught in the schools and absorbed by the child. The purpose of this manual is to provide the teacher with certain facts that can be presented to children in such a way as to give them an appreciation of the value of Canadian Forests.

35¢ per copy. * •

Cat. No. Fo42-161

Forest conservation. Ottawa, revised, 1962. 64p. Illus. 27cm. Paper cover.

This booklet prepared to help teachers in the secondary schools, tells something of the nature and extent of Canada's forests, and their place in the national life and economy.

Free. † •

Cat. No. Fo42-652

Federal-provincial forestry agreements, by H. W. Beall. Ottawa, 1953. Reprinted from "The Forestry Chronicle", March, 1953, pp. 20-30. 23cm.

Free. †

Cat. No. Fo42-953

Condition of present forests, by A. Bickerstaff. Reprinted from "The Forestry Chronicle", June, 1954, vol. 30, No. 2, pp. 123-127. 23cm.

Free. †

Cat. No. Fo42-1052

Survey of forest fire causes and suggested corrective methods, by J. A. Doyle. Reprinted from "The Forestry Chronicle", December, 1951, vol. 27, No. 4, 14p. Tables. 24cm.

Free. †

Cat. No. Fo42-1151

Forest fire risks in forest valuations, by G. C. Wilkes. Reprinted from "The Forestry Chronicle", September, 1955, vol. 31, No. 3, pp. 254-267. Tables. 23cm.

Free. †

Cat. No. Fo42-1255

Forest fire control plan for the Petawawa Forest Experiment Station, Chalk River, Ontario. Ottawa, 1948. 37p. Tables, charts, graphs, 9 folded maps. 25cm. Paper cover.

Prepared by Dominion Forest Service, Mines, Forests, and Scientific Services Branch, Department of Mines and Resources.

50¢ per copy. *

Cat. No. Fo42-1348

Forest fires and the danger index in New Brunswick, by H. W. Beall. Reprinted from "The Forestry Chronicle", June, 1950, vol. 26, No. 2, 18p. Tables, chart. 24cm. Paper cover.

Free. †

Cat. No. Fo42-1550

Dominion Forestry Branch message code. Issued by the Department of the Interior. 82p. Tables. 16cm. Paper cover.

15¢ per copy. *

Cat. No. Fo42-1600

Forest research manual, by W. G. Wright, W. M. Robertson, and G. A. Mulloy. Ottawa, 1924. 93p. Illus., tables. 25cm. Paper cover.

Issued by the Forest Service, Department of the Interior.

\$1.30 per copy. *

Cat. No. Fo42-1724

DEPARTMENT OF FORESTRY

Petawawa Forest Experiment Station. Ottawa, 1947. 25p. Illus., tables. 25cm. Paper cover.

Prepared by the Dominion Forest Service.

35¢ per copy. *

Cat. No. Fo42-1847

Outline of forest fire protection standards, by H. W. Beall. Reprinted from "The Forestry Chronicle", June, 1949, v.25, No. 2, pp. 82-105. Tables, map fold. 24cm.

Free. †

Cat. No. Fo42-2049

Our forests—riches that grow. Reprinted from Annual report 1957/1958. Ottawa, 1959. 10p. Illus. 25cm.

Free. †

Cat. No. Fo42-2358

Grade marking of Canadian lumber for export to the U.S.A., by J. H. Jenkins. Ottawa, 1960. 10p. 28cm.

Prepared by the Forest Products Laboratories of Canada.

Free. †

Cat. No. Fo42-2460

Variation of strength properties within trees and between trees in a stand of rapid-growth Douglas fir, by T. W. Littleford. Ottawa, 1961. 20p. Illus., tables, figs. 22cm. Processed.

Prepared by the Forest Products Laboratories of Canada.

Free. †

Cat. No. Fo42-2561

Comparison of taper sawing and through-and-through sawing. Ottawa, 1960. 4p. Figs. 28cm.

Prepared by the Vancouver Laboratory, Forest Products Laboratories.

Free. †

Cat. No. Fo42-2660

Administration of Crown forests in Canada. Ottawa, 1954. Reprinted from the Canada Year Book, 1954, pp. 458-465. 23cm.

15¢ per copy. *

Cat. No. Fo42-2754

Forest Products Research Branch, Department of Forestry, Canada. Ottawa, 1962. 26p. Illus., organization chart. 25cm.

Contents.—Introduction.—Fields of activity.—Co-operative functions.—Research program.—Organization.—Personnel.—Dissemination of information.—Future.

Free. †•

Cat. No. Fo42-3062

b) BRITISH EMPIRE FORESTRY CONFERENCES

Proceedings and resolutions with brief descriptions of tours of the Second British Empire Forestry Conference held in Canada, July 25 to September 7, 1923. Ottawa, 1927. 416p. Tables. 25cm.

\$1.30 per copy. *

Cat. No. Fo43-231

Wood preservation in Canada, by J. F. Harkom. Ottawa, 1928. 8p. 25cm. (Paper presented to the Third British Empire Forestry Conference, held in Australia and New Zealand, August to October, 1928.)

15¢ per copy. *

Cat. No. Fo43-281

Forest ecology in Canada, by G. A. Mulloy. Ottawa, 1947. 7p. 25cm. (Paper prepared for the Fifth British Empire Forestry Conference to be held in the United Kingdom, 1947.)

15¢ per copy. *

Cat. No. Fo43-471

DEPARTMENT OF FORESTRY

Canada's forests and the war. Ottawa, 1947. 85p. Tables, map. 33cm. (Report prepared for the Fifth British Empire Forestry Conference to be held in the United Kingdom, 1947.)

75¢ per copy. *

Cat. No. Fo43-472

Some developments in the use of air photographs for forest surveys, by H. E. Seely. Ottawa, 1947. 7p. 25cm. (Paper presented to Fifth British Empire Forestry Conference, held in Great Britain, 1947.)

15¢ per copy. *

Cat. No. Fo43-474

Conservation by better utilization, by T. A. McElhanney. Ottawa, 1947. 24p. 25cm. (Paper presented to Fifth British Empire Forestry Conference, held in Great Britain, 1947.)

35¢ per copy. *

Cat. No. Fo43-475

Proceedings of the Sixth British Commonwealth Forestry Conference, Canada, 1952. Ottawa, 1953. 374p. 25cm. Paper cover.

Contents.—Agenda.—Officers of the Conference.—Message of loyalty.—Proceedings, 1st to 27th sessions, August 11 to September 13, 1952.—Appendices: Membership of Committees; Representatives at the Conference; Statements and papers presented to the Conference.

\$2.50 per copy. *

Cat. No. Fo43-521

Sixth British Commonwealth Forestry Conference, Canada, 1952: Summary report, resolutions, reports of Committees. Ottawa, 1953. 71p. Illus. 25cm. Paper cover.

\$1.30 per copy. *

Cat. No. Fo43-522

Canada's forests, 1946-1950; report to Sixth British Commonwealth Forestry Conference, held in Canada, 1952. Ottawa, 1952. 49p. Tables, maps. 33cm. Paper cover.

75¢ per copy. *

Cat. No. Fo43-523

Canada's forest 1951-1955; report to the Seventh British Commonwealth Forestry Conference, Australia and New Zealand, 1957. Ottawa, 1957. 75p. Tables, map. 25cm. Paper cover.

75¢ per copy. *

Cat. No. Fo43-571

Forest inventories in Canada, by H. E. Seely. Ottawa, 1957. 11p. 25cm. (Report presented to the Seventh British Commonwealth Forestry Conference, held in Australia and New Zealand, 1957.)

25¢ per copy. *

Cat. No. Fo43-572

c) CANADIAN WOODS

Canadian woods; their properties and uses. 2nd edition. Ottawa, 1951. xv, 467p. Illus., tables, charts, graphs. 29cm. Cloth bound.

Prepared by Forest Products Laboratories Division.

Contents.—1. Canadian woods, general. 2. Commercial timbers of Canada, and Classified uses of Canadian woods. 3. The structure of wood. 4. The mechanical and physical properties of wood. 5. The seasoning of lumber. 6. Decay and stains in wood. 7. Preservative treatment of wood. 8. Chemical utilization of wood. 9. Secondary wood-using industries. 10. Veneers, plywoods, and wood adhesives; Glues and gluing; Dielectric heating. 11. Glued, laminated construction. 12. Shipping containers. 13. Timber fastenings. 14. Pulp, paper, and related products.

\$4 per copy. *

Cat. No. Fo44-5100

DEPARTMENT OF FORESTRY

Reprints of separate chapters of "Canadian Woods; their properties and uses." Ottawa. 28cm. Paper cover.

Chapter 2.—Commercial timbers of Canada, by T. A. McElhanney. 1953. 35p. Illus.

35¢ per copy. *

Cat. No. Fo44-5102

Chapter 3.—The structure of wood, by J. D. Hale. 1952. 52p. Illus., graphs, charts.

35¢ per copy. *

Cat. No. Fo44-5103

Chapter 4.—The mechanical and physical properties of Canadian woods, by W. E. Wakefield. 1952. 59p. Illus., tables, graphs.

35¢ per copy. *

Cat. No. Fo44-5104

Chapter 5.—The seasoning of lumber, by R. S. Millett. 1952. 34p. Illus., tables, graphs, charts.

35¢ per copy. *

Cat. No. Fo44-5105

Chapter 6.—Decay and stains in wood, by C. W. Fritz. 1952. 22p. Illus.

35¢ per copy. *

Cat. No. Fo44-5106

Chapter 7.—The preservative treatment of wood, by J. F. Harkom. 1952. 28p. Illus., tables, graph, charts.

35¢ per copy. *

Cat. No. Fo44-5107

Chapter 8.—The chemical utilization of wood, by C. Greaves and H. Schwartz. 1952. 28p. Tables, charts.

35¢ per copy. *

Cat. No. Fo44-5108

Chapter 10.—Veneers and plywoods, by D. G. Miller; Glues and gluing, by E. G. Bergin; Dielectric heating, by R. W. Peterson. 1952. 36p. Illus., tables, graphs, charts.

35¢ per copy. *

Cat. No. Fo44-5110

Chapters 11 and 13.—Glued, laminated construction, by D. E. Kennedy and Timber fasteners, by J. M. Rudnicki. 1953. 28p. Illus., tables, charts.

35¢ per copy. *

Cat. No. Fo44-5111

Chapter 12.—Shipping containers, by W. Betterworth. 1953. 15p. Illus., tables, chart.

35¢ per copy. *

Cat. No. Fo44-5112

d) FORESTRY BRANCH BULLETINS

Forestry Branch Bulletins. Series of reports of major importance successively issued by the Forest Service, Forestry Branch, Department of the Interior; the Dominion Forest Service, Lands, Parks and Forestry Branch, Department of Mines and Resources; the Forestry Branch, Department of Resources and Development; and the actual Forestry Branch, Department of Northern Affairs and Resources, Ottawa.

1.—Tree-planting on the Prairies of Manitoba, Saskatchewan and Alberta, by Norman M. Ross. 8th edition. Ottawa, 1928. 64p. Illus., tables. 25cm. Paper cover.

Out of print.

Cat. No. Fo45-1

DEPARTMENT OF FORESTRY

Forestry Branch Bulletins.—Continued.

- 2.—**Planting and care of a forest of evergreens**, by A. Knechtel.
Out of print. Cat. No. Fo45-2
- 3.—**Dominion forest reserves**, by A. Knechtel.
Out of print. Cat. No. Fo45-3
- 4.—**Forest products of Canada (up to 1908)**, by A. H. D. Ross.
Out of print. Cat. No. Fo45-4
- 5.—**Forest conditions in Crowsnest Valley, Alberta**, by H. R. MacMillan.
Out of print. Cat. No. Fo45-5
- 6.—**The Riding Mountain Forest Reserve**, by Jas. R. Dickson.
Ottawa, 1909. 42p. Illus., tables, map. 25cm.
Out of print. Cat. No. Fo45-6
- 7.—**Forest fires in Canada during 1908**, by H. R. MacMillan.
Ottawa, 1909. 8p. Table. 25cm.
Out of print. Cat. No. Fo45-7
- 8.—**Forest products of Canada, 1908**, by H. R. MacMillan and G. A. Gutchess.
Out of print. Cat. No. Fo45-8
- 9.—**Forest fires in Canada (1909)**, by H. R. MacMillan and G. A. Gutchess.
Ottawa, 1910. 40p. Illus., tables. 25cm.
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- 10.—**The farmer's plantation**, by A. Mitchell.
Out of print. Cat. No. Fo45-10
- 11.—**Forest products of Canada, 1909; lumber, square timber, lath and shingles**, compiled by H. R. MacMillan. Ottawa, 1910. 30p. Tables, diagrs. 25cm.
35¢ per copy. * Cat. No. Fo45-11
- 12.—**Forest products of Canada, 1909; pulp wood**, compiled by H. R. MacMillan. Ottawa, 1910. 9p. Tables. 25cm.
Out of print. Cat. No. Fo45-12
- 13.—**Forest products of Canada, 1909; poles purchased**, by H. R. MacMillan. Ottawa, 1911. 7p. Tables. 25cm.
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- 14.—**Forest products of Canada, 1909; cross-ties purchased**, compiled by H. R. MacMillan. Ottawa, 1911. 8p. Tables. 25cm.
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- 15.—**Forest products of Canada, 1909.** (Being Bulletins 11, 12, 13, 14, 19 and 20.)
Out of print. Cat. No. Fo45-15
- 16.—**Forest fires and railways**, by R. H. Campbell. Ottawa, 1911. 8p. Illus. 25cm.
Out of print. Cat. No. Fo45-16
- 17.—**Report on timber conditions, etc., along the proposed route of the Hudson Bay Railway**, by J. R. Dickson. Ottawa, 1911. 27p. Illus. 25cm.
Out of print. Cat. No. Fo45-17

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Forestry Branch Bulletins.—Continued.

18.—The Rocky Mountain Forest Reserve, by G. H. Edgecombe and P. Z. Caverhill.
Out of print. Cat. No. Fo45-18

19.—Forest products of Canada, 1909; tight and slack cooperage boxes and box shooks, compiled by H. R. MacMillan. Ottawa, 1911. 12p. Tables. 25cm.
Out of print. Cat. No. Fo45-19

20.—Forest products of Canada, 1909; tan bark and tanning extract used, compiled by H. R. MacMillan. Ottawa, 1911. 6p. Tables. 25cm.
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21.—Forest products of Canada, 1910; poles purchased, compiled by H. R. MacMillan and W. Guy H. Boyce. Ottawa, 1911. 8p. Tables. 25cm.
Out of print. Cat. No. Fo45-21

22.—Forest products of Canada, 1910; cross-ties purchased, compiled by H. R. MacMillan and W. Guy H. Boyce. Ottawa, 1911. 7p. Tables. 25cm.
35¢ per copy. * Cat. No. Fo45-22

23.—Forest products of Canada, 1910; timber used in mining operations, compiled by H. R. MacMillan, Bruce Robertson and Guy Boyce. Ottawa, 1911. 12p. Tables. 25cm.
Out of print. Cat. No. Fo45-23

24.—Wood-using industries, 1910; agricultural implements and vehicles furniture and cars veneer, compiled by H. R. MacMillan, Bruce Robertson and W. Guy H. Boyce. Ottawa, 1911. 42p. Tables. 25cm.
Out of print. Cat. No. Fo45-24

25.—Forest products of Canada, 1910; lumber, square timber, lath and shingles, compiled by H. R. MacMillan, Bruce Robertson and W. Guy H. Boyce. Ottawa, 1911. 39p. Tables, diagrams. 25cm.
Out of print. Cat. No. Fo45-25

26.—Forest products of Canada, 1910; pulpwood, compiled by H. R. MacMillan, Bruce Robertson and W. Guy H. Boyce. Ottawa, 1911. 14p. Tables, diagrams. 25cm.
Out of print. Cat. No. Fo45-26

27.—Forest products of Canada, 1910; tight and slack cooperage, compiled by H. R. MacMillan, Bruce Robertson and Guy Boyce. Ottawa, 1911. 11p. Tables. 25cm.
Out of print. Cat. No. Fo45-27

28.—Forest products of Canada, 1910. (Being Bulletins 21, 22, 23, 24, 25, 26 and 27.)
Out of print. Cat. No. Fo45-28

29.—Timber conditions in Lesser Slave Lake region.
Out of print. Cat. No. Fo45-29

DEPARTMENT OF FORESTRY

Forestry Branch Bulletins.—Continued.

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62c.—Forest products of Canada, 1916. Poles and cross-ties.
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62d.—Forest products of Canada, 1916. Directory of saw-mills.
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62e.—Forest products of Canada, 1916. (Being a combination of Bulletins 62a, 62b, 62c, and 62d.)
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Chain-flail barkers and slabwood concentration yards, by G. E. Bell. Reprinted from Timber of Canada, October, 1957. 7p. Illus. 29cm.
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Relative decay resistance of western hemlock and Douglas fir plywood and the effect of weathering, by H. W. Eades and J. W. Roff. Reprinted from Timber of Canada, February, 1960. 4p. Illus., tables. 29cm.
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Production of wood products from lower grade materials, by J. A. Doyle. Reprinted from Timber of Canada, March, 1962. Ottawa, 1962. 4p. Illus. 29cm.

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9) Other Reprints

Physical and mechanical properties of second-growth Douglas fir, by J. B. Alexander. Reprinted from the ASTM Bulletin, October, 1950, pp. 33-38. Illus., tables. 29cm.

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Toxicity tests of a water-soluble phenolic fraction (thujaplicin-free) of western red cedar, by J. W. Roff and J. M. Atkinson. Reprinted from Canadian Journal of Botany, January, 1954, pp. 308-309. 26cm.

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Deformation of wooden dry kilns used for drying western hemlock lumber, by H. MacLean and J. A. F. Gardner. Reprinted from The Lumberman, December, 1951. 2p. Illus., table. 28cm.

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Veneer cutting properties of Canadian aspen; a preliminary investigation, by D. G. Miller. Reprinted from Wood, July and August, 1953. 7p. Illus., tables. 28cm.
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Spiral grain in red alder, by R. W. Kennedy and G. K. Elliott. Reprinted from the Forestry Chronicle, September, 1957. Pp. 239-251. 23cm.
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Effects of moisture content on strength and use of nailed wooden boxes, by C. H. Nethercote. Reprinted from Lumber Dealer and Buyer, September, 1957. 4p. Illus. Tables. 29cm.
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Ottawa Laboratory assists industry with packing research, by C. H. Nethercote. Reprinted from Packaging Progress, July, 1959. 4p. Illus. 29cm.
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Strengthening ring-connected timbers with steel strapping, by A. P. Jessome and D. E. Kennedy. Reprinted from the Canadian Consulting Engineer, November, 1960. 8p. Illus. 29cm.
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DEPARTMENT OF FORESTRY

Air circulation in dry kilns, by M. Salamon. Reprints from the published Proceedings of the meeting of the Western Dry Kiln Clubs, held at Missoula, Montana, June 23-24, 1960. 8p. Tables, figs. 29cm.

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New ways to fight wood decay fungi, by H. P. Sedziak. Reprinted from Canadian Chemical Processing, July, 1961. 2p. Illus. 29cm.

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Minimum requirements for defining species, normes for quality of variable woods, by J. D. Hale. Paper presented at the 47th Annual Meeting of the Technical Association of the Pulp and Paper Industry, held in New York, N.Y., 18-22, 1962. Reprinted from Tappi, July, 1962. Ottawa, 1962. 5p. Figs. 29cm.

Prepared by the Forest Products Research Branch.

Free. †

Cat. No. Fo56-936

5—Technical Notes

F.P.L. Technical Notes. Issued by Forest Products Laboratories, Forestry Branch. Ottawa. 25cm.

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25¢ per copy. *

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2.—**High-temperature kiln-drying of Eastern Canadian softwoods; drying guide and tentative schedules**, by J. L. Ladell. 1957. 18p. Illus., tables.

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3.—**Strength and related properties of woods grown in Canada**. 1956. 7p. 4 tables folded.

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4.—**Dielectric properties of resin glues for wood**, by T. J. S. Cole and O. S. Roscoe. 1958. 25p. Illus., tables, graphs.

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Cat. No. Fo57-5

6.—**Wood residues as pulp material and developments in wallboard production**, by J. A. Doyle and F. Bender. 1957. Illus.

This report was presented to the Seventh British Commonwealth Forestry Conference, Australia and New Zealand, 1957.

25¢ per copy. *

Cat. No. Fo57-6

7.—**Pulp chip program to utilize sawmill residue**, by G. E. Bell. 1958. 14p. Illus., tables.

25¢ per copy. *

Cat. No. Fo57-7

DEPARTMENT OF FORESTRY

F.P.L. Technical Notes.—Continued.

8.—Durability of urea-formaldehyde and casein adhesives at elevated temperatures, by E. G. Bergin. 1958. 11p. Tables, graphs.
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9.—Efficiency of scarf joints, by A. P. Jessome. 1958. 18p. Illus., tables, charts.
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10.—Short-log bolter; its use in conversion of Canadian woods, by W. W. Calvert. 1958. 38p. Illus., tables, graphs.
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11.—Deterioration of logging residue on the British Columbia coast (western hemlock, amabilis fir, and sitka spruce), by J. W. Roff and H. W. Eades, Vancouver Laboratory. 1959. 38p. Illus., tables, graphs.
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12.—Effect of wood moisture content on gluing, by E. G. Bergin, Ottawa Laboratory. 1959. 14p. Tables.
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23.—**Some effects of repeated drying and wetting on wood properties**, by Clayton T. Keith, 1960. 16p. Illus., tables, graphs.
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24.—**Properties and utilization of Canadian poplars**, by J. D. Irwin and J. A. Doyle. 1961. 28p. Illus., tables.
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25.—**Peeling defects in veneer; their causes and control**, by O. Feihl and V. Godin (Ottawa Laboratory). 1962. 18p. Illus.
25¢ per copy. * • Cat. No. Fo57-25

26.—**Some conversion factors and related information for use in the primary forest industries of Eastern Canada**, by I. B. Flann, Ottawa Laboratory. Ottawa, 1963. 23p. Tables.
25¢ per copy. * • Cat. No. Fo57-26

27.—**Strength of western hemlock power and communication poles**, by W. M. McGowan (Vancouver Laboratory). 1962. 14p. Illus., tables (1 folded), figs.
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Paper prepared for the Eighth British Commonwealth Forestry Conference, East Africa, 1963.
25¢ per copy. * • Cat. No. Fo57-28

29.—**Principles and problems of export packing**, by C. H. Nethercote. 1961. 47p. Illus.
25¢ per copy. * • Cat. No. Fo57-29

30.—**Span tables for wood joists and rafters for housing**. 1961. 46p. Tables.
25¢ per copy. * • Cat. No. Fo57-30

31.—**Use of wood and wood residues in production of fibreboard and particle board**, by H. Schwartz and F. W. King. 1961. 16p. Illus., tables.
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OF FORESTRY**

**MINISTÈRE
DES FORÊTS**

Sectional Catalogue No. 13

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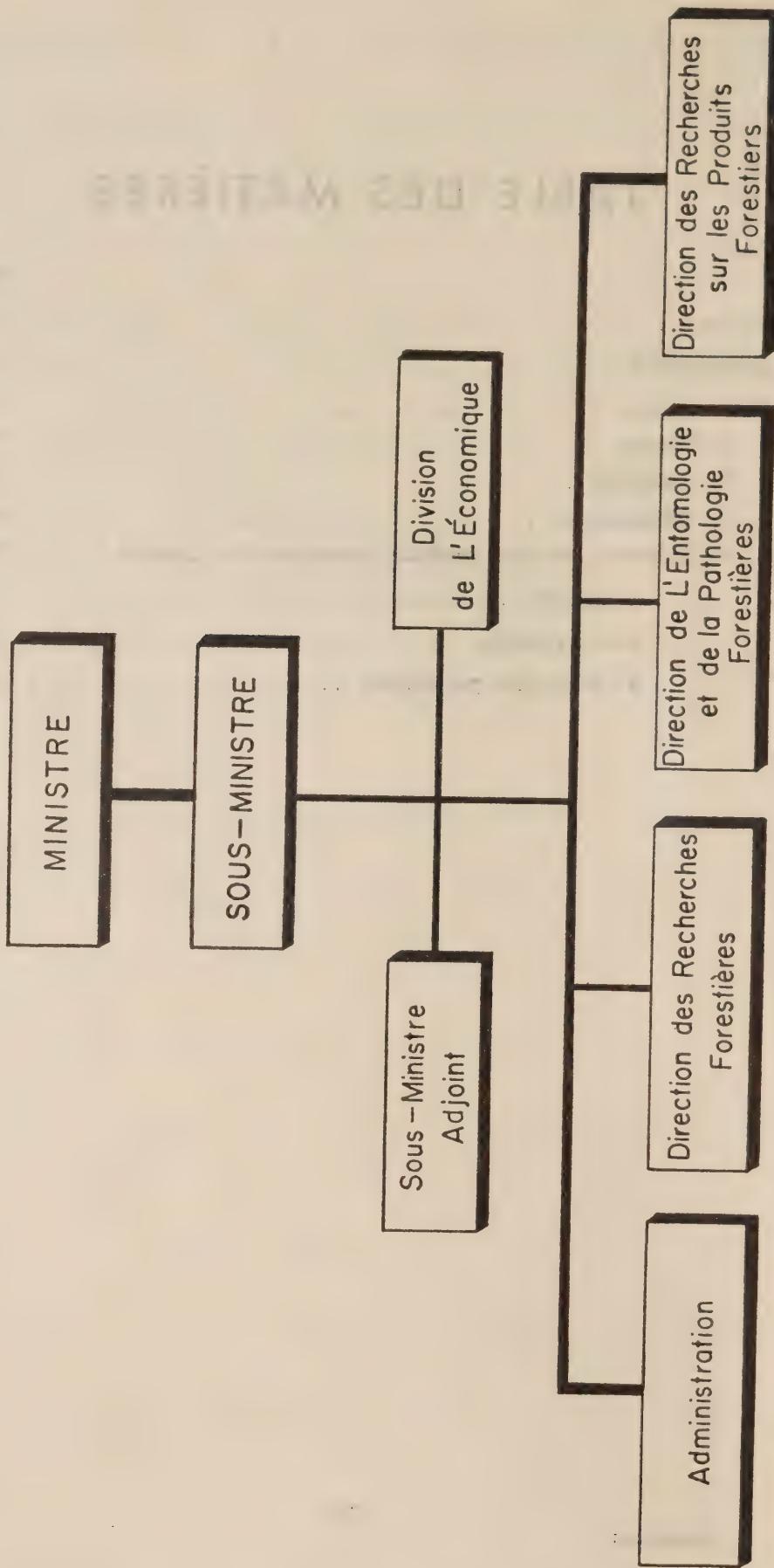
PARTIE II

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MINISTÈRE DES FORÊTS



INTRODUCTION

Le Ministère a été créé le 1^{er} octobre 1960 par proclamation du gouverneur en conseil, en vertu de la Loi concernant le ministère des Forêts (S.C. 1960, chapitre 41) qui a reçu l'assentiment royal le 1^{er} août 1960. Pour satisfaire aux besoins immédiats de personnel, il a fallu absorber le personnel de ce qui était auparavant la Direction des forêts du ministère du Nord canadien et des Ressources nationales et la Division de biologie forestière de la Direction des recherches, au ministère de l'Agriculture; le transfert de ces employés a été effectué par le décret C.P. 1960-1620 du 26 novembre 1960. Les crédits attribués à la Direction des forêts et à la Division de biologie forestière pour l'année 1960-1961 furent transférés au ministère des Forêts en vertu du décret C.P. 1960-1768 du 29 décembre 1960.

Les objectifs qu'a en vue le ministère des Forêts indiquent un accroissement d'intérêt à l'égard de la sylviculture partout au Canada. En deux mots, le ministère des Forêts s'efforcera d'améliorer la gestion et la protection de nos ressources forestières, de rendre plus efficace l'utilisation du bois et de réduire le gaspillage, finalement d'améliorer la position de nos industries forestières sur le marché. Ce Ministère va mettre en œuvre de vastes programmes de recherches en matière de sylviculture et d'utilisation des produits forestiers. Il va aussi prendre, encourager et recommander des mesures propres à stimuler la collaboration du public à la protection et à l'utilisation rationnelle des ressources forestières. Le Ministre peut, avec l'approbation du gouverneur en conseil, conclure des ententes avec le gouvernement de n'importe quelle province ou avec n'importe qui à des fins de protection et de gestion forestières, ou encore à des fins d'utilisation des forêts.

L'organisation du Ministère comprend en principe cinq sections, soit la Direction administrative, la Direction des recherches forestières, la Direction de l'entomologie et de la pathologie forestières, la Direction des recherches sur les produits forestiers et la Division de l'économique. L'Administration est chargée du travail administratif du Ministère en général, d'exécuter des inventaires forestiers et de dispenser des conseils d'ordre technique à d'autres organismes fédéraux, enfin, d'administrer des ententes fédérales-provinciales. La Direction des recherches forestières effectue des travaux de recherche en matière de sylviculture, d'écologie, de physiologie, de dendrologie, d'amélioration des essences forestières, de protection des forêts contre le feu et de méthodes d'inventaire forestier. La Direction de l'entomologie et de la pathologie forestières s'occupe de recherches relatives aux insectes forestiers et aux maladies des

MINISTÈRE DES FORÊTS

arbres. La Direction des recherches sur les produits forestiers s'occupe d'étudier les propriétés mécaniques, physiques et chimiques de bois canadiens, de trouver de nouveaux et meilleurs usages des produits ligneux et d'améliorer les techniques de production en vue d'assurer une utilisation plus complète de la substance ligneuse extraite de nos forêts. La Division de l'économique est chargée d'assurer les conseils nécessaires relativement aux conséquences économiques des lignes de conduite actuelles et futures, d'effectuer une étude continue de la situation économique des industries forestière du Canada et de leur production.

Les fonctions que remplissaient auparavant la Direction des forêts du ministère du Nord canadien et des Ressources nationales et la Division de biologie forestière du ministère de l'Agriculture, furent transférées au nouveau Ministère lors de sa création. Les travaux de recherche entrepris par ces anciens services furent continués sans interruption. Le Ministère élargira ces domaines et entreprendra de nouveau travaux à mesure qu'il se développera.

MINISTÈRE DES FORÊTS

LISTE DES PUBLICATIONS

a) DIVERS

Nota.—A partir du premier janvier 1961, l'Imprimeur de la Reine a initié un système de classification revisé pour ce nouveau ministère qui a été séparé du ministère du Nord canadien et des Ressources nationales. Avec l'adoption de ce système, chaque publication porte maintenant son numéro de catalogue avec les lettres Fo au lieu de R comme moyen d'identification.

Ministère des forêts, rapport annuel 1960/1961. Ottawa, 1962. 36p. Tableaux, graphique, organigramme. 25cm. Broché.

Sommaire.—Division de l'économique.—Direction de l'administration.—Direction des recherches forestières.—Direction de l'entomologie et de la pathologie forestières.—Direction des recherches sur les produits forestiers.

75¢ l'exemplaire. * •

N° de cat. Fo1-1961F

Bulletin d'information bimestriel de la Division de la biologie forestière.

Autrefois publié par le ministère de l'Agriculture.

Vol. 16, n° 5-6, septembre-décembre 1960.

Vol. 17, n° 1, janvier-février 1961.

Gratuit. † • •

N° de cat. Fo12-1F

Rapport annuel, Laboratoire d'entomologie et de pathologie forestière, Québec, P.Q., année terminée le 31 mars 1962. Ottawa, 1962. 21p. Ill. 28cm. Broché.

Publié par la Direction de l'entomologie et de la pathologie forestière. Gratuit. † •

N° de cat. Fo21-3/1962F

L'arbre et la forêt. Ottawa, réimprimé 1959. 69p. Ill. 22cm. Broché. Préparé dans la Direction des forêts.

Pour faire accepter la conservation des forêts et la mettre en pratique, il faut enseigner dans les écoles les premiers principes de la sylviculture et les ancrer dans l'esprit des enfants. Les idées du citoyen de demain doivent être implantées dans le cerveau de l'enfant d'aujourd'hui. Le présent manuel a pour objet d'exposer à l'instituteur certains faits qu'il peut présenter aux enfants de manière à leur faire apprécier la valeur des forêts canadiennes.

25¢ l'exemplaire. *

N° de cat. Fo42-159F

Mise en valeur de la forêt. Ottawa, revisé, 1961. 72p. Ill. 27cm. Broché.

La présente brochure donne un aperçu de la nature et de l'étendue des forêts canadiennes, ainsi que du rôle qu'elles jouent dans notre vie nationale et économique. Elle servira à aider les professeurs des écoles secondaires qui s'efforcent de donner à la conservation de la forêt une place de plus en plus importante dans la formation de nos jeunes citoyens.

Gratuit. † •

N° de cat. Fo42-261F

Industrie des arbres de Noël au Canada, par Stanley Belsey. Ottawa, 1951. 8p. 25cm. Broché.

Publié par la Section des études économiques.

Gratuit. †

N° de cat. Fo42-351F

Les prix notés au présent Catalogue sont sujets à changement sans avis préalable.

MINISTÈRE DES FORÊTS

ABC de la prévention des incendies de forêt, par R. M. Watt. Ottawa, réimprimé, 1956. 26p. Ill. en couleurs. 20cm. Broché.

Les lettres de l'alphabet deviennent l'initiale du mot-clef d'un slogan rimé, au bas de chaque illustration. Le thème des slogans est un conseil aux jeunes en vue de prévenir les dangers d'incendie en forêt.

Gratuit. †

N° de cat. Fo42-556F

Nos forêts, richesse vivante. Tiré du rapport annuel du ministère du Nord canadien et des Ressources nationales, 1957/58. Ottawa, 1959. 12p. Ill. 25cm.

Gratuit. †

N° de cat. Fo42-2358F

Recherches sur les produits de la forêt. Reproduction d'articles publiés dans Forêt Conservation, mars 1961. Ottawa, 1962. 2p. Illus. 28cm.

Gratuit. †

N° de cat. Fo42-3061F

Savanis, la science et l'évolution sociale, par le Dr Lincoln R. Thiesmeyer. Ottawa, 1952. 14p. 28cm. Polycopié.

Discours prononcé à l'occasion du Sixième congrès des sylviculteurs du Commonwealth britannique, Canada, 1952, par le président du Pulp and Paper Research Institute of Canada, à un dîner offert aux délégués par le Gouvernement du Canada, au Château Laurier, Ottawa, le 12 septembre 1952.

Gratuit. †

N° de cat. Fo43-521F

Bois du Canada, leurs propriétés et leurs usages, par T. A. McElhaney. Ottawa, 1940. 358p. Ill., graphiques, tableaux. 25cm. Cartonné.

Publié par le Service forestier du Dominion, Division des terres, parcs et forêts, ministère des Mines et des Ressources.

Le présent ouvrage a pour but de mettre en un seul volume le résultat des recherches sur la coupe, la transformation et l'utilisation du bois et de ses produits et de rassembler les principales données utiles aux industriels du bois et aux autres intéressés.

\$1.30 l'exemplaire. *

N° de cat. Fo44-4000F

Chapitres séparés du volume "Les Bois du Canada, leurs propriétés et leurs usages". Ottawa. 25cm. Broché.

Chapitre 2.—**Bois marchands du Canada.** 1940. 62p. Ill.

15¢ l'exemplaire. * N° de cat. Fo44-4002F

Chapitre 3.—**Structure du bois**, par J. D. Hale. 107p. Ill., tableaux, graphiques, diagr.

15¢ l'exemplaire. * N° de cat. Fo44-4003F

Chapitre 4.—**Influence des propriétés physiques et mécaniques de nos bois sur leurs usages**, par G. H. Rochester. 140p. Tableaux, graphiques, diagr.

15¢ l'exemplaire. * N° de cat. Fo44-4004F

Chapitre 6.—**Carie et coloration du bois**, par C. W. Fritz. 219p. Ill.

15¢ l'exemplaire. * N° de cat. Fo44-4006F

Chapitre 9.—**Utilisation chimique du bois**, par F. G. Marriott et C. Greaves. 298p. Tableaux, diagr.

15¢ l'exemplaire. * N° de cat. Fo44-4009F

MINISTÈRE DES FORÊTS

b) BULLETINS

Bulletins du ministère des Forêts. Ottawa. 25cm.

61.—**Arbres indigènes du Canada.** 3^e édition. 1961. xix, 289p. Ill., cartes. Cartonné.

Cette publication est destinée au grand public; elle contient une description de l'habitat et des caractéristiques des diverses essences de notre pays. Dans cette troisième édition française, on a revisé le texte pour y inclure de nombreux renseignements nouveaux qui avaient été recueillis, particulièrement sur la répartition de plusieurs essences. Dans tous le cas où les renseignements étaient disponibles, on a incorporé une description du genre d'enracinement.

\$2.50 l'exemplaire. * ●

N^o de cat. Fo45-61F

99.—**Influence de certains facteurs sur le débitage des billes de sciage en bois d'œuvre dans l'est du Canada,** par G. E. Bell. 39p. Ill., tableaux, graph., diagr. 25cm. Broché.

Gratuit. †

N^o de cat. Fo45-99F

115.—**Déchets de coupe dans l'est du Canada,** par J. A. Doyle. 1957. 25p. Ill., tableaux.

35¢ l'exemplaire. *

N^o de cat. Fo45-115F

118.—**Classification des stations forestières de la section des conifères du nord-est, région forestière boréale du Québec,** par A. Linteau. 1959. 93p. Ill., tableaux, graphiques, carte. 25cm.

Cette publication met en lumière les groupements végétaux qui croissent dans les divers types de forêt de la section des conifères du nord-est de la région boréale et qui sont associés aux conditions locales du sol. L'auteur a réussi à démontrer, pour ce district, des liens étroits entre le sol, la végétation et la productivité de la forêt.

\$1.30 l'exemplaire. *

N^o de cat. Fo45-118F

121.—**Flore forestière du Canada,** par G. C. Cunningham. 1958. 144p. Ill. 13cm. Cartonné. Bilingue.

Cette publication a été préparée en vue de répondre à la demande d'un guide visuel des plantes qu'on rencontre ordinairement dans la forêt. Elle a été conçue de manière à pouvoir être apportée en forêt et utilisée pour la comparaison directe des plantes avec les illustrations.

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N^o de cat. Fo45-121

122.—**Semis d'arbres de l'est du Canada,** par T. C. Brayshaw. 1959. 38p. Ill. 13cm. Bilingue.

La présente brochure est destinée à faciliter l'identification des semis d'essences indigènes que l'on trouve au Canada dans les forêts des régions boréales, des Grands lacs et de l'Acadie.

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N^o de cat. Fo45-122

Publications diverses. Préparées par la Direction des forêts. Ottawa. 25cm. Brochées.

4.—**Protection contre les feux de forêt.** Ottawa, 1961. 21p. Ill., tableaux.

La présente publication est destinée à fournir au profane certains renseignements d'ordre général sur l'activité relative à la lutte contre les feux de forêt au Canada.

Gratuit. † ●

N^o de cat. Fo45-2/4F

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7.—**Culture des arbres de Noël au Canada**, par W. M. Stiell. 1960. 24p.

Sommaire.—Introduction.—Aspects économiques.—Arbres de Noël.—Aménagement et exploitation.—Mise sur le marché.—Bibliographie.
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8.—**Inventaires forestiers au Canada** par H. E. Seely. 1959. 13p. (Rapport présenté à la Septième Conférence forestière du Commonwealth britannique, tenue en Australie et en Nouvelle-Zélande en 1957.)

35¢ l'exemplaire. * Nº de cat. Fo46-2/8F

10.—**Industrie des arbres de Noël au Canada**. 3^e édition. 1959. 16p. Tableaux, graphiques, cartes.

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Bulletins de recherches sur les feux de forêt. Publié par la Division des recherches sylvicoles, Direction des forêts. Ottawa. Broché.

16.—**Cartes de visibilité préparées au moyen de croquis tracés sur le terrain**, par R. W. Chorlton. 1959. 15p. Diagrs. 25cm.
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64.—Effets de l'engrais sur une plantation d'épinettes blanches et d'épinettes de Norvège, située à Grand'Mère (P.Q.), par J. D. MacArthur. 1959. 15p. Ill., tableaux.
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103.—Croissance et développement des plantations de conifères de Grand'Mère, P.Q. (entreprise Q-1) par G. C. Cunningham, 1957. 29p. Tableaux, graphiques, carte. 25cm.

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Préparé dans la Division de l'économique.

Sommaire.—*Superficies boisées.—Bois marchand.—Tenure terrienne—Forêts productives.—Réserves et parcs.—Industries forestières.—Statistique des feux de forêts.—Dépeuplement des forêts.—Commerce extérieur.*

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Vol. 10, n° 2, décembre 1959. Pp. 169-202.

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Vol. 11, n° 1, juin 1960. Pp. 303-338.

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145.—Détermination du coefficient d'humidité et emploi de planches-témoins dans le séchage artificiel, par R. S. Millett. Réédité en mai 1954. 6p. Ill.
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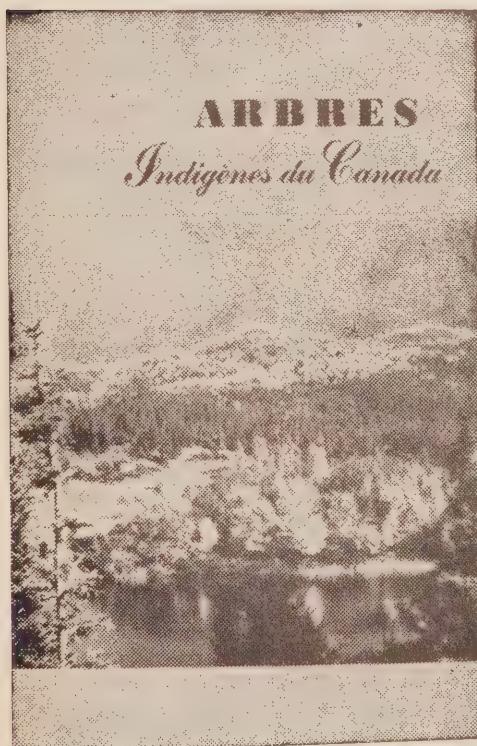
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